

Remarks

Reconsideration of this application as amended is respectfully requested.

Claims 1, 2, 5, 11, 12, and 15 stand rejected under 35 U.S.C. §102(b) in view of U.S. Patent No. 6,255,852 of *Forbes et al.* ("*Forbes*").

Claims 3, 4, 6, 13, 14 and 16 stand rejected under 35 U.S.C. §103(a) in view of *Forbes*.

Claims 8, 10, 18, and 20 stand rejected under 35 U.S.C. §103(a) in view of U.S. Patent No. 6,356,461 of *Jacobs* ("*Jacobs*").

Applicant submits that claim 1 is not anticipated by *Forbes* because *Forbes* does not disclose a two stage amplifier having a first and a second component coupled in series between the stages that are selected to provide AC decoupling between the stages and amplifier stability as claimed in claim 1. Instead, *Forbes* discloses a transmission line 101A that interconnects a driver 110 and a receiver 120. (*Forbes*, col. 4, lines 46-48). Applicant submits that the driver 110 and the receiver 120 of *Forbes* are not the first and second stages of an amplifier as claimed in claim 1. *Forbes* discloses that the driver 110 is an inverter and the receiver 120 is an amplifier. (*Forbes*, col. 4, lines 58-59).

The examiner has stated that

Forbes et al (FIG. 1A) discloses... a first component (103A) and a second component (102B) which are coupled in series between the first (110) and second (120) stages...
(Page 2, Office Action, 11-30-04).

Applicant submits that the elements 103A and 102B in Fig. 1A of *Forbes* are not components coupled in series between stages of an amplifier as claimed in claim 1. Instead, the element 103A is a symbol that represents a portion of the distributed inductance of the transmission line 101A (*Forbes*, col. 4, lines 55-58) and the element

102B is a symbol that represents a portion of the resistance of the transmission line 101A (*Forbes*, col. 4, lines 52-55).

It is therefore respectfully submitted that the two stage amplifier of claim 1 having a first and a second component coupled in series between the stages that are selected to provide AC decoupling between the stages and amplifier stability is not anticipated by the driver 110 and the receiver 120 of *Forbes* which are connected by a transmission line 101A.

Given that claims 2-10 depend from claim 1, it is submitted that claims 2-10 are not anticipated by *Forbes*.

It is also submitted that amended claim 11 is not anticipated by *Forbes*. Amended claim 11 includes limitations similar to the limitations of claim 1. Therefore, the remarks stated above with respect to claim 1 also apply to amended claim 11.

Given that claims 12-20 depend from amended claim 11, it is submitted that claims 12-20 are not anticipated by *Forbes*.

It is further submitted that claims 3, 4, 6, 13, 14 and 16 are not obvious in view of *Forbes*. Claims 3, 4, 6, 13, 14 and 16 depend from claims 1 and 11 and *Forbes* does not disclose or suggest a first and a second component coupled in series between the stages of an amplifier that are selected to provide AC decoupling between the stages and amplifier stability as claimed in claims 1 and 11. Instead, *Forbes* discloses a driver 110 and a receiver 120 which are connected by a transmission line 101A. (*Forbes*, col. 4, lines 47-58).

Applicant further submits that claims 8, 10, 18, and 20 are not obvious in view of *Jacobs*. Claims 8, 10, 18, and 20 depend from claims 1 and 11 and *Jacobs* does not disclose or suggest a first and a second component coupled in series between the stages of an amplifier that

are selected to provide AC decoupling between the stages and amplifier stability as claimed in claims 1 and 11. Instead, *Jacobs* discloses a power converter 100 with controllable switches. (*Jacobs*, col. 4, lines 12-21).

It is respectfully submitted that in view of the amendments and arguments set forth above, the applicable objections and rejections have been overcome.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 50-1078 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

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By: _____



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